



March 16, 2011

Tecumseh Compressor Company

Indoor Condensing Units

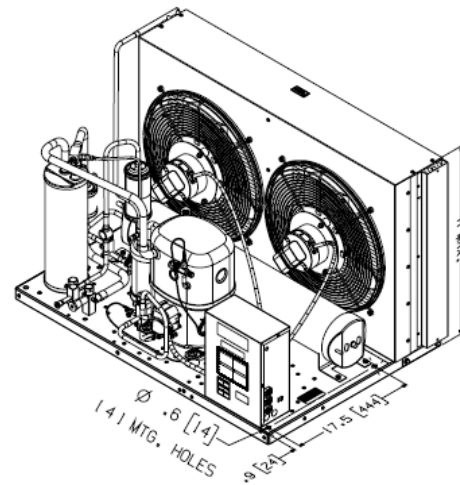
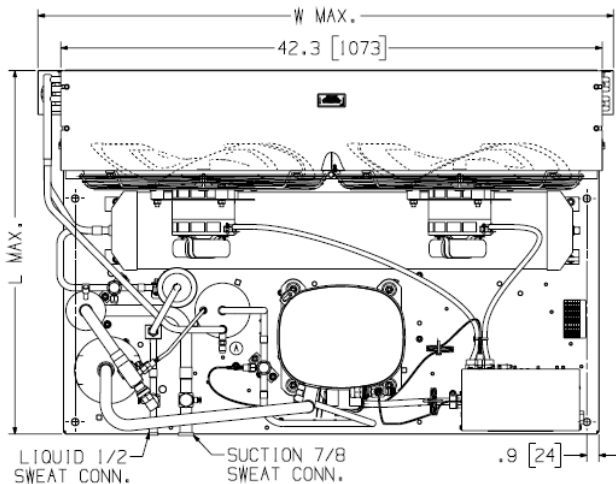
Model: AVA9532ZXNXF

BoM: 2A4093-1

R-404A

4 HP

AIRCOOLED



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AVA9532ZXNXF	28.6	44.9	26.9	16.6	7/8" S	1/2" S	40.87 lbs	4200	65	380

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting

Evaporator T		Ambient Temperatures											
		80°F			90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
-10	23.2	18757	3481	90	16424	3441	99	14302	3478	109	12260	3425	118
0	32.8	24062	3982	93	21203	4007	102	18712	4034	111	16156	4034	121
5	37.9	27146	4236	94	23984	4291	104	21268	4318	113	18434	4344	122
10	43.3	30517	4492	96	27027	4577	105	24057	4608	114	20931	4658	124
15	49.1	34175	4750	98	30332	4864	107	27081	4903	116	23648	4976	125
20	55.5	38121	5011	99	33898	5151	109	30338	5203	118	26586	5297	127
30	69.5	46874	5539	103	41815	5729	112	37553	5818	121	33119	5952	130
35	77.2	51682	5806	105	46165	6020	114	41511	6132	123	36716	6285	131
40	85.5	56777	6076	107	50777	6312	116	45703	6452	124	40532	6622	133
45	94.3	62160	6348	109	55651	6604	118	50129	6777	126	44568	6963	134

60 Hz Performance

Return gas temp. 40°F Evaporator Temp. 20°F or less, 5°F sub-cooling

Return gas temp. 65°F for Evaporator Temp. > 20°F, 5°F sub-cooling

Specifications/ Parts:

Model	AVA9532ZXNXF
Unit Bill of Material	2A4093-1
Nominal Volts-Hz-Ph	208-230-60-1
Refrigeration Range	-10° to 45°F
Design Pressure Low	181
Design Pressure High	450
Voltage Range	187 to 254
Min. Circuit Ampacity	41.9
Max. Fuse Size (amps)	70
Compressor Model	AVA9528ZXN
Comp. Bill of Material	AV204ET-070-A2
Compressor RLA/LRA	30.3 / 132.0
Overload	INTERNAL
Relay	820ARR3K17
Run Capacitor	85PR440F90
Run Capacitor Rating	65MFD 440V(M)VDE
Start Capacitor	85PS330D17
Start Capacitor Rating	145-175 MFD 330V VDE
Contactor	91012
Unit Drawing	DGU1920-38
Wiring Diagram	91263-03

Fan Motor	810S186B40 (2)
Fan Motor RLA	1.9 Each
Fan Blade	51528-3 (2)
Fan Guard	70832 (2)
Fan Shroud	70611-1
High Pressure Switch	84095-2
Low Pressure Control	84026-2
Oil Separator *	704-00002
Condenser	50785-4
Fan Switch	84096-1
Fan Switch	84096-2
Receiver Tank	51083
Liquid Valve	56596
Liquid Filter *	70126-3
Sight Glass *	70084-2
Suction Valve *	31529-1
Rotolock Valve Gasket	30233
Discharge Valve	56596
Suction Filter *	70082
Accumulator *	TK00044000
Crankcase Heater	90699
Defrost Timer *	N/A
Suction Shut Off Valve*	56500-K14
Liquid Shut Off Valve*	56500-K08
Shrader Valve Body*	56510
Valve Core*	56552
* = Equipped Units Only	

Electrical Diagram

